**Exercises on 8085 microprocessor**

1. Using LDA and STA instructions, write a program that will transfer five byte of memory from location 3000H through 3004H to location 3200H through 3204H
2. Write a program to exchange the contents of HL register pair with DE register pair using MOV instruction.
3. Write a program using the ADI instruction to add the two hexadecimal numbers 3AH and 48H and store the result in memory location 2100H.
4. Write a program to subtract the number in the D register from the number in the E register. Store the result in register C.
5. Write an assembly language program that AND, OR and XOR together the contents of register B, C and E and place the result into memory location 3000H, 3001H and 3002H.
6. Develop a program in assembly that subtracts the number in the DE register pair from the number in the HL register. Place the result in BC register.